

IN THE SPECIFICATION

Please replace the paragraph beginning at page 3, line 14 with the following replacement paragraph:

The present invention further provides a boring or drilling tool, ~~comprising: the comprising a pitch sensing tool of any of appended claims 1 to 12,~~ and a drilling head, the drilling head including a drill bit.

Please replace the paragraph beginning at page 3, line 22 with the following replacement paragraph:

The present invention further provides a stem boring or drilling machine, ~~comprising: comprising~~ a stem, a drive section for applying rotational energy to the stem, a pitch sensor tool ~~according to any of appended claims 1 to 12,~~ and a drilling head, the drilling head including a drill bit, wherein the pitch sensor tool is disposed between the stem and the drilling head and mechanically coupled to each.